



DOD

IA Education, Training, Awareness

Products

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Agenda



- **Who we are and what we do**
- **Training Products**
 - **Personnel Certification**
 - **Professionalization of the IA Workforce**
 - **Support to the Warfighter**
- **Products Under Development**
- **Future Products**
- **Videos**
- **How to Order Products**



DOD IA ETA Mission



- ◆ Provide standardized information assurance (IA) products for Combatant Commands/ Services/Agencies to integrate into their IA education, training & awareness (ETA) programs
- ◆ Develop products to support the DOD-wide IA career field or professional/certification programs
- ◆ Assist other DOD components in developing and/or conducting INFOSEC training activities
- ◆ Support DOD and Federal IA education, training & awareness outreach programs



Derivation of Requirements



Direction derived from:

- ◆ **Assistant Secretary of Defense/Command, Control, Communications & Intelligence (ASD/C3I)**
 - ◆ **Director, IA**
 - ◆ **DIAP**
- ◆ **Joint Staff (J6)**
- ◆ **Service HQs IA Program Offices**
- ◆ **Operators (i.e., DOD CERT)**
- ◆ **Training Organizations**
 - ◆ **Service schools**
 - ◆ **Service & agency training organizations**
 - ◆ **DISA trainers**



Prioritization of Requirements



- ◆ **Priorities established by ASD/C3I**
- ◆ **Prioritization considerations**
 - ◆ **Certification requirements**
 - ◆ **Magnitude of need**
 - ◆ **Availability of funding**
 - ◆ **Availability of content**
 - ◆ **Availability of external funding**
- ◆ **Factors bearing on prioritization:**
 - ◆ **Command decision**
 - ◆ **Rapid transition to new technology impacting existing media products**
 - ◆ **Emergence of new IA policies/concepts**



Approach



- ◆ **DOD-centric with focus on commonality across organizational lines**
- ◆ **Collaborate with other Federal agencies using their dollars to create products that support their unique training programs**



Target Audience



Combatant Commands/Services/Agencies
1.5M personnel DOD-wide

- DOD, Federal Government, state and local governments
- Sectors of U.S. critical information infrastructure
- Each educational level of the national military and civilian academic community
- NSA Designated Centers of Excellence





Categories of Products



- ◆ **Personnel Certification**
- ◆ **Professionalization**
- ◆ **Support to Warfighter**



Categories of Products

Personnel Certification



- **DOD Information Assurance Awareness**
- **Operational Information Systems Security**
- **Windows NT Security**
- **UNIX Security**
- **CyberProtect**



Categories of Products

Professionalization



- **Designated Approving Authority (DAA)**
- **DITSCAP**
- **Certifiers Fundamentals**
- **Web Security**
- **System Admin Incident Prep & Response – UNIX**
- **System Admin Incident Prep & Response – Win NT**



Categories of Products

Support to the Warfighter



- **Information Operations Fundamentals**
- **Defense in Depth**
- **Information Age Technology**
- **Computer Network Defense**
- **Public Key Infrastructure**
- **IA for Auditors & Evaluators**
- **Active Defense – An Executive’s Guide to IA**



New Products



Active Defense - An Executive's Guide to Information Assurance



- ◆ Based on a Carnegie Mellon course
- ◆ Provides high-level overview of IA with emphasis on taking ownership of security of computers
- ◆ Treats computer security as a matter of survivability vs. an overhead issue

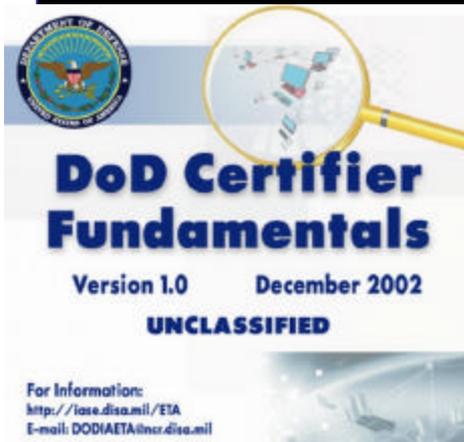


New Products, Cont'd



DOD Certifiers Fundamentals

**100% COMPLIANCE WITH NATIONAL SECURITY SYSTEMS
STANDARD FOR CERTIFIERS (4015).**



- Based on the NSTISSI 4015
- Presents the certifier responsibilities enumerated in NSTISSI No. 4015 in the context of the NIACAP, NSTISSI 1000, DITSCAP
- Technically expert students with 5 years IA experience



Products Underway

Firewall and Router Basics

- ◆ An introduction to the security aspects of firewalls and routers for operating and maintaining secure information systems and networks within a networked environment .

Database Security

- ◆ Provides training on database security with an emphasis on performing IT security, including risk assessment and security procedures.
- ◆ Helps database administrators understand select areas of database environment and policy using Oracle 9i as an example.

Windows 2000 Security

- ◆ Security as it pertains to Windows 2000, both server and workstation.
- ◆ Shows various ways to secure Windows 2000 systems and addresses current vulnerabilities.
- ◆ Addresses Gold Standard



Products Underway (Cont'd)

CyberOps



- ◆ **Five year effort:**
 - ◆ **Net Builder (2 yrs)**
 - ◆ **Net Defender**
 - ◆ **Net Assurer**
 - ◆ **Net Warrior**

- ◆ **Enhancement of code developed by USMA Dept of Electrical Engineering and Computer Science with interactive, web-based graphics**

- ◆ **Modular IA exercise as an academic classroom, technical training and information warfare exercise support tool**

- ◆ **Each module increases depth and realism of exercise play, using a building block approach.**



Products Underway (Cont'd)



System Defender (Joint DISA/NSA product)

- ◆ **Product is for anyone in a position to set up security for a system and react if there is a breach.**
- ◆ **Teaches a methodology of proactive defense**
- ◆ **Provides practice through the use of several scenarios.**
- ◆ **Web-based due to opportunity to easily update, allows student-tracking database, via web server and is compatible with ADA 508 requirements.**
- ◆ **Audience includes SAs, ISSOs, ISSMs, Net Admins with Level 2 experience.**



Future Products



DITSCAP Overview/SSAA Preparation Guidance

- ◆ **Overview of the DITSCAP**
- ◆ **Detailed guidance on the contents necessary to complete an SSAA**
- ◆ **Outline presented in the DITSCAP Application Manual, DOD 8510.1-M**
- ◆ **Audience is information system certification team members, ISSMs, ISSOs, SAs, and other personnel responsible for writing or reviewing the SSAAs**
- ◆ **This product will also be useful for preparation of an SSAA using the National Information Assurance Certification and Accreditation Process (NIACAP), NSTISSI No. 1000**



Future Products



IA for Legal Workforce

- ◆ **For government lawyers who need to understand legal and policy issues, both current and emerging, associated with IA and CIP/Homeland Security.**
- ◆ **Will address issues such as FOIA and privacy, Foreign Intelligence Surveillance Act (FISA), monitoring, use of force, including computer operational law and awareness of criminal activity.**
- ◆ **Audience: Combatant Commands/Components SJA; Regional JAGs; IA, IO, CIP and Intel specialists; SAs, ISSOs, DAAs, Red Teams, CERTs, web developers who need IA legal awareness**



Videos



IA Videos

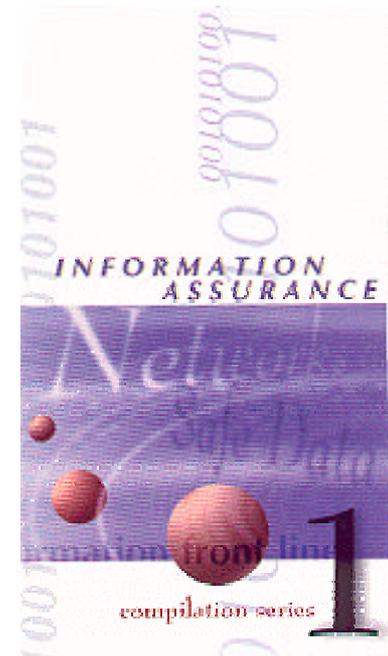


- ◆ Networks at Risk (NCS)(10 min)
- ◆ The Information Front Line (IC)(10 min)
- ◆ Bringing Down the House (IC)(11 min)

- ◆ Computer Security 101 (DOJ)(10 min)
- ◆ Computer Security: The Executive Role (DOJ)(10 min)
- ◆ Safe Data - Its Your Business (DOL)(18 min)
- ◆ Think Before You Respond (USGov)(3 min)

- ◆ Protect Your AIS (USGov) (6 vignettes)
- ◆ Protect Your AIS -The Sequel (USGov) (30+ vignettes)(30 min)
- ◆ Doctor D Stroye (USGov)(7 min)
- ◆ The Scarlet V (USGov)(7 min)

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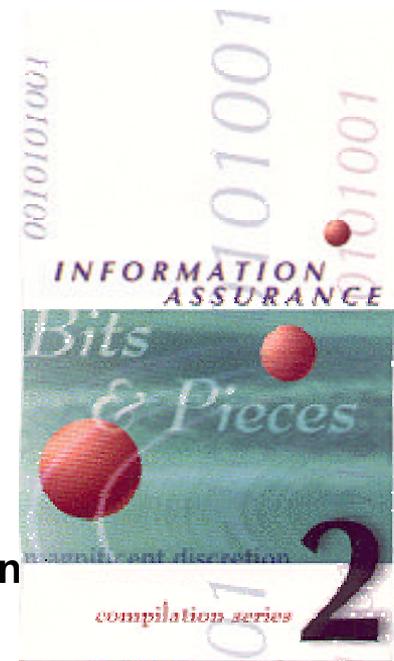


IA Videos (Cont'd)



- ◆ Magnificent Discretion (USGov) **(5:02 min)**
 - ◆ Bits and Pieces (USGov) **(4:30 min)**
 - ◆ Just the Fax (USGov) **(7:51 min)**
 - ◆ Ears Looking at You (USGov) **(8 min)**
 - ◆ Sherman on My Mind (**USGov**) "AIS Misuse"
-
- ◆ Solar Sunrise: Dawn of a New Threat (NACIC, NIPC, FBI) **(18 min)**
 - ◆ Risky Business (NACIC, FBI) **(~20 min)** (Insider Threat)
-
- ◆ Understanding PKI (IPMO)

<http://iase.disa.mil>





Order Products Online



For product order form, product descriptions, and frequently asked questions/product notes:

- ◆ **web:** <http://iase.disa.mil/infosec>
Sign up for automatic e-mail notification of new products
- ◆ **e-mail:** dodiaeta@ncr.disa.mil
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